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**FIRE FACT NO. 061 CHECKLIST(s) :**

**TITLE : CODE FOOTPRINT**

**CHECKLIST ITEM(s) :**

**REFERENCE(s) : K.A.R. 22-1-3 (f) Section 106.0**

**PAGE 1 of 4**

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New construction in the state of Kansas, including building additions and changes, must be under the direct supervision of a licensed design professional, whether an architect or engineer. The work shall be designed and constructed to the criteria established by Kansas regulation. Furthermore, the plans shall be reviewed for code compliance or a building permit shall be obtained from a local building official and/or fire authority with building inspections taking place during construction and a certificate of occupancy issued prior to formal use. In some local jurisdictions, both will take place.

Kansas architects, engineers, building code officials, and fire officials shoulder the responsibility for providing a third party objective evaluation of the fire safety features of newly constructed buildings. Resources may not be readily available to verify new construction is designed and built to meet the intent of the Kansas Fire Prevention Code. The major participants of the fire protection team are the building owners and operators, the local inspection authorities, the Kansas State Fire Marshal's Office, and the licensed design professionals. These major participants must work together to facilitate the efficient use of resources. Fire protection and life safety features must be included in the original design concept and not retrofitted at a later stage.

The Kansas State Fire Marshal's Office is leading the effort to capitalize on the effectiveness of plan review to ensure a higher degree of quality in new construction. Architects generate building designs to protect occupant safety and well being, but much of the code criteria used to design and construct the building is not formally recorded. Coherent code inspections of plan submittals are therefore nearly impossible.

To make such a review of specific code criteria possible, a format called a "code footprint" has been developed over the years. The code footprint provides a snap-shot of the key code information shown within a small scale building plan. The code footprint reduces redundancy and increases the coordination between all participants involved with new construction. A sample code footprint is included in this guide.

**KANSAS LICENSED ARCHITECTS AND ENGINEERS: PLEASE DO NOT SUBMIT COMPLETE CONSTRUCTION DOCUMENTS TO THE KANSAS STATE FIRE MARSHAL FOR REVIEW.**



## **Kansas State Fire Marshal Prevention Division**

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**PAGE 2 of 4**

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### **KANSAS STATE FIRE MARSHAL CODE FOOTPRINT REQUIREMENTS**

All submittals of new buildings and additions to be reviewed and approved by the Kansas State Fire Marshal's Office are required to provide the following information.

#### **CODE FOOTPRINT FORMAT :**

- Provide a full size drawing.
- Complete floor plan (including existing and new) of each floor of the facility.
- An 11" x 17" sealed reduction of the full sized drawing.

#### **INFORMATION REQUIRED ON DIAGRAMS :**

- A graphic bar scale.
- North arrow.
- All permanent partitions 5'-9" or taller.
- Each room labeled (Keynoting or legends are acceptable).
- Each assembly room shall list its occupant load under the room name.
- Identify new construction, existing to remain, remodeled areas, areas relocated.
- Stair & shaft enclosures with minimum fire resistive openings allowed.
- The perimeter of all rated corridors with minimum fire resistive openings allowed.
- Occupancy separations or protection from hazards.
- Fire rated area separation walls
  - dividing diverse construction types or
  - for consideration of portions of a facility as a separate building and
  - all required opening ratings.
- All horizontal exits or smoke partitions with opening ratings.
- Location of central fire alarm control panel and any remote annunciator panels
- Fire department supply connections and fire department access roads.
- Distances to property line.
- Distances to adjoining buildings when within 60 feet.
- Location of any anticipated future additions (dotted lines).



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**PAGE 3 of 4**

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### NARRATIVE REQUIRED

Indication of which codes the new construction work designed to ( UBC and family of codes, BOCA and family of codes, SBC and family of codes and any additional state regulations specifically applicable to the building use).

Type of construction: New, addition, or renovation, changes in use.

Reason for Submittal: New construction, New licensure, or Plan of Corrections.

Location: Street address, City, State, Zip, County

Owner Information: Name, Address, City, State, Zip, Phone, FAX.

Date of Plan Edition (or revision):

Name of Local Fire Department (providing service):

Name of Local Building Inspection Department (when available):

Each portion of a building on each side on a compliant fire resistive area separation wall shall provide narrative information on the submitted sheet related to the following:

- New or Existing

- Each occupancy group and type

- Type of construction

- Total allowed area per floor

- Actual floor area

- Approximate grade elevation at each corner of the building and finish floor

- Allowed stories and height limitations

- Actual height

- Mixed ratio calculations as required

#### Structural Fire Protection Ratings

- Interior bearing walls

- Exterior bearing walls

- Exterior nonbearing walls

- Structural frame

- Permanent partitions

- Shaft enclosures

- Floors

- Roofs

- Exterior openings

- Proposed UL, FM, or other fire assembly numbers (if available)

Fire Safety Features: including sprinklers, standpipes, fire alarms, fire extinguishers, smoke detectors, battery emergency lighting, exit lights, emergency power generators, hood suppression systems, any other special systems, fire lanes, disconnect switch locations, and fire department connections.



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**PAGE 4 of 4**

